

9th, Connecticut, Massachusetts, and Pennsylvania. 10th, Illinois and Iowa. 11th, Connecticut, New Mexico, and New York. 12th, Ohio. 13th, Washington. 14th, Connecticut, Illinois, Iowa, Michigan, New York, and Pennsylvania. 15th, Iowa and Missouri. 18th, Iowa, Kansas, Michigan, Missouri, and Ohio. 19th, Illinois, Iowa, Kansas, New York, Ohio, Oklahoma Territory, Pennsylvania, and Washington. 20th,

Arkansas, Nebraska, North Dakota, Pennsylvania, and South Dakota. 22d, Nebraska and North Dakota. 24th, Iowa and Wisconsin. 26th, New Mexico. 27th, Kansas, Nebraska, New Mexico, North Carolina, North Dakota, and Virginia. 28th, Virginia. 29th, Montana, Nebraska, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Virginia, and Wisconsin.

WINDS.

The prevailing winds in February, 1892, are shown on Chart II by arrows flying with the wind. In New England, the middle Atlantic states, the Ohio Valley and Tennessee, the lower lake region, the extreme northwest, the upper Mississippi valley, and on the northeast slope of the Rocky Mountains they were generally from northwest to northeast; in the south Atlantic states and over the Florida Peninsula, from north to northeast; in the east Gulf states, from north to east; in the Missouri Valley and on the southeast slope of the Rocky Mountains, from northwest to north; on the middle-eastern slope of the Rocky Mountains and on the south Pacific coast, from west to northwest; over the northern plateau region, from southeast to southwest; on the north Pacific coast, from east to south; on the middle Pacific coast, from west to north; and in the west Gulf states, the upper lake region, and over the middle and southern plateau regions, variable.

HIGH WINDS. [In miles per hour.]

Wind velocities of 50 miles, or more, per hour were reported at regular stations of the Weather Bureau as follows: 3d, 60, e., at Tatoosh Island, Wash. 5th, 53, n., at Kitty Hawk, N. C.; 50, n., at Hatteras, N. C. 6th, 60, sw. at Amarillo, Tex. 7th, 55, sw., at Chicago, Ill. 9th, 57, nw., at Fort Assinaboine, Mont. 11th, 60, ne., at Eastport, Me.; 50, e., at Block Island, R. I. 12th, 52, nw., at Fort Assinaboine, Mont. 13th, 54, sw., at Abilene, Tex.; 54, sw., at Amarillo, Tex. 21st, 60, s., at Fort Canby, Wash. 22d, 60, n., at Hatteras, N. C.; 60, n., at Kitty Hawk, N. C. 23d, 56, n., at Hatteras, N. C.; 55, n., at Kitty Hawk, N. C. 24th, 52, n., at Hatteras, N. C. 27th, 64, ne., at Block Island, R. I. 28th, 51, ne., at Block Island, R. I.

LOCAL STORMS.

A heavy rain and snow storm was reported in Yavapai county, Ariz., during the first five days of the month. After the 3d the precipitation at Prescott was largely in the form of snow, and the snowfall in the mountains near that place was quite heavy.

5th.—About 10 a. m., during a snowstorm with high northeast wind, the "Red D" Line S. S. "Venezuela" went ashore on Brigantine Shoals on the New Jersey coast, but was floated off at high tide on the 7th. In the evening heavy north to northwest squalls were reported off the North Carolina coast.

6th.—At Lamonte, Mo., a thunderstorm occurred 1.30 p. m.; a barn was struck by lightning and burned; and one horse was killed and another badly shocked by lightning. At Little Rock, Ark., a thunderstorm from the southwest began 6.15 p. m., with heavy rain and a few small hailstones; 0.70 inch of rain fell in 12 minutes, flooding sewers in the lower part of the city.

7th.—A destructive storm from the southwest was reported in the southern part of Wood county, Ohio, at 3 p. m., local

time. The path of destruction was 40 rods in width; the storm was preceded by excessive rainfall; it was attended with heavy thunder; hail one-fourth inch in diameter fell; and the damage to buildings in the vicinity of Cygnet was estimated at \$2,500. At Detroit, Mich., the wind reached a velocity of 36 miles per hour from the southwest at 10.55 p. m.; sleet and rain fell at intervals during the day; and at 4.50 p. m. a thunderstorm, with heavy rain, was observed at Windsor, Ontario. A heavy thunderstorm lasting 20 minutes, without precipitation, was reported at Baldwinsville, N. Y.

11th.—A heavy snow and rain storm, with high wind, prevailed along the New England and middle Atlantic coasts. At Boston, Mass., snow fell to a depth of 6 inches; coastwise steamers were delayed; and considerable damage was caused to electric wires. At Leicester, Mass., 12 inches of snow fell, and the storm was reported the most severe of the winter. At Woods Holl, Mass., snow changed to rain 10 a. m., and the wind was high in the evening. At Block Island, R. I., heavy rain fell, and the wind reached a velocity of 50 miles per hour from the east at 10.14 a. m. At Nantucket, Mass., the storm was reported the severest of the season. Rain began in the early morning and continued until 2.09 p. m., when thunder and lightning, with heavy hail lasting one minute, were observed. The wind reached a velocity of 49 miles per hour from the southeast at noon; at 2.15 p. m. it shifted to southwest, and at 6.30 to west. At Baltimore, Md., snow began 7.15 a. m., and fell heavily at intervals until 9.25 a. m., when it changed to rain, and the rain ended 10.05 a. m. From 1 to 1.45 p. m. the wind was high from the northwest, reaching a velocity of 35 miles per hour at 1.25 p. m. A report from Lutherville, about 12 miles north of Baltimore, states that a rain and thunder storm visited that place about 4.10 p. m. The storm advanced from the west, with high wind and small hail, and lasted about 30 minutes. The snowstorm continued in eastern Massachusetts until the early morning of the 12th, a depth of 7 to 12 inches being noted. At Manchester, N. H., snow fell to a depth of 15 inches.

12th.—At Port Angeles, Wash., the wind backed suddenly from east to southwest in the early morning and reached a velocity of 30 miles per hour. At 11.46 a. m. a velocity of 46 miles per hour from the south was recorded, and the gale continued until 4 p. m.

13th.—High south to west winds occurred on the southeast slope of the Rocky Mountains. In the evening thunder and lightning, with heavy dashes of rain, preceded a gust from the southwest; during which a velocity of 54 miles per hour was noted at Abilene, Tex.

19th.—At Palestine, Tex., a thunderstorm from the southwest, with heavy rain, began 5.05 p. m. and ended 9.10 p. m.; 2.64 inches of rain fell in 2 hours and 50 minutes; washouts were reported on railroads, and there was a marked fall in temperature.

22d.—High northerly winds and light rain prevailed at Hatteras, N. C. The schooner "Annie E. Pierce" went ashore about 10 miles north of Hatteras; one person was drowned, another was injured, and the vessel was a total loss.

24th.—At Jupiter, Fla., brisk northeast winds prevailed and a heavy sea was running. During a squall near Lake Worth Inlet the schooner "Bessie B." went ashore, and the vessel and cargo were reported a total loss.